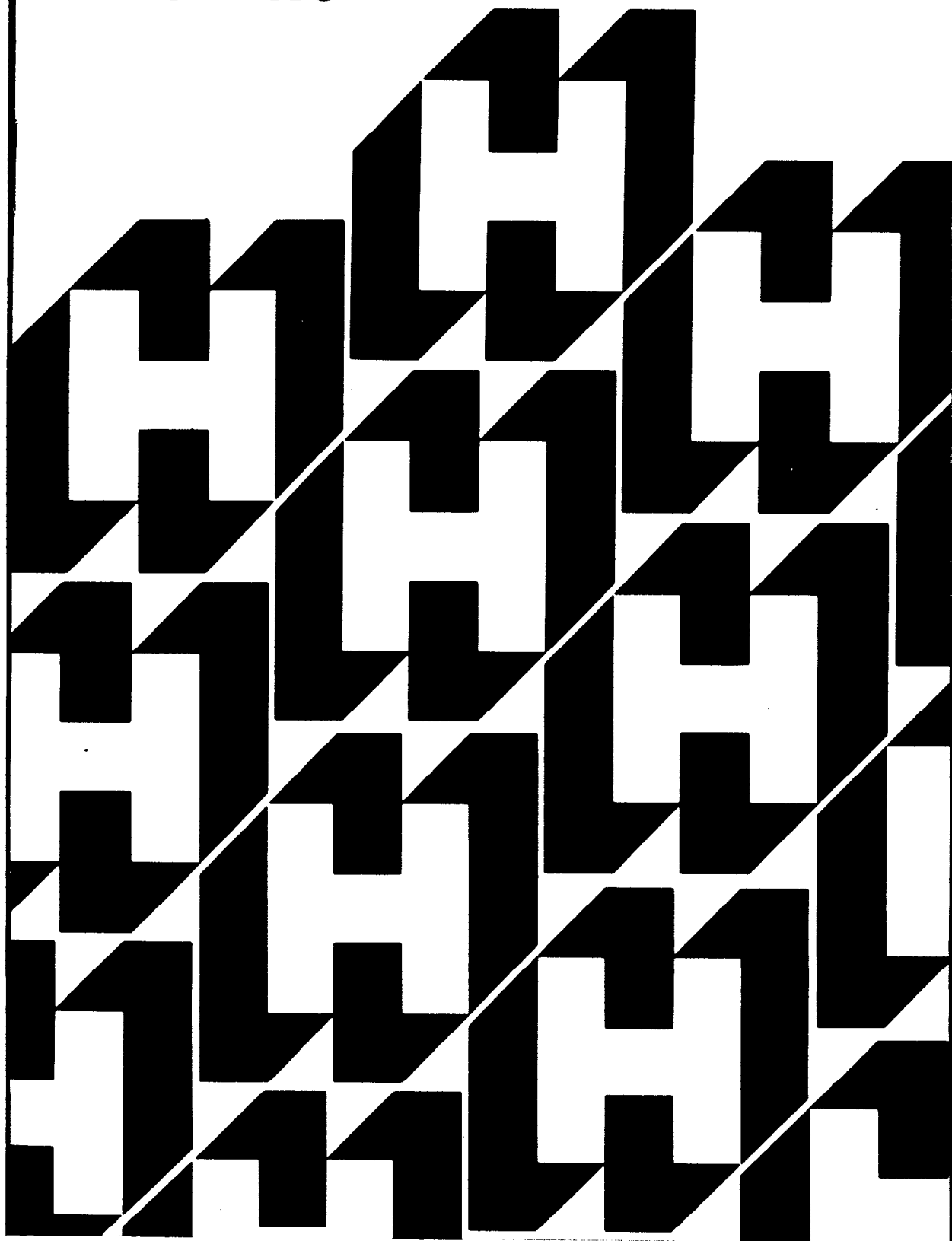


HOOVER.  
**Dial-A-Matic®**  
Cleaner  
with Automatic  
**PowerDrive™**

**Model**  
**U6049**

Owner's  
Manual

*Ro*



# Fill in and return!

The HOOVER vacuum cleaner you have just purchased is a combination cleaner. The cleaner may be used on carpet and rugs, and it is also for use with attachments. This cleaner is equipped with the automatic 'Power Drive' feature.

Your cleaner is a model .....

and has a serial number .....\*

For your personal records, please enter the model number and serial number in the spaces provided above and retain in a safe place.

The model number appears on the bottom of the cleaner and the serial number is on the bag door latch plate.

## Save!

### INDEX

Bag .....	7,8
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# Important safeguards!

- Read all instructions.
- Warning: Electric shock could occur if used outdoors or on wet surfaces.
- Close supervision is necessary when any appliance is used by or near children. Do not allow vacuum cleaner to be used as a toy or to run unattended at any time.
- Keep hands, feet, loose clothing, and hair away from rotating agitator.
- Don't run cleaner over cord. It may damage insulation.
- Do not use cleaner to pick up matches, or live ashes and cigarette butts.
- Avoid picking up hard, sharp objects with the cleaner. They may damage the cleaner and the bag.
- Unplug cleaner when not in use. Turn machine off at switch before unplugging.
- Always disconnect cord from electrical outlet before servicing the cleaner.
- Change bag frequently when picking up very fine materials such as powder.
- Grasp the plug to disconnect from wall outlet to avoid damage to cord, plug, prongs, or receptacle.
- The use of an extension cord is not recommended.
- If cleaner is in disrepair, do not attempt to operate.
- Have repairs made by the qualified personnel at Hoover Factory Service Centers or Authorized Hoover Warranty Service Dealers.
- Use vacuum cleaner only for its intended use as described in the instructions. The use of attachments not recommended by the appliance manufacturer may cause hazards.

## Save these instructions!

### ENERGY SAVING TIPS

1. Replace throw away cleaner bag promptly, before overfilled. Use a genuine HOOVER bag made for your model cleaner.
2. To maintain effective cleaning, replace agitator brushes and belt when necessary.
3. Turn off cleaner when not in use, such as when moving furniture.
4. Keep your cleaner operating at peak performance level - have inspection and service performed by a Hoover Factory Service Center or Authorized Hoover Service Dealer.



**'POWER DRIVE' HANDLE GRIP**

**MANUAL TRANSPORT BUTTON  
(DISENGAGE DRIVE)**

**ON/OFF SWITCH**

**COVER LATCH**

**CARRYING HANDLE**

**FULL BAG INDICATOR - SOME MODELS**

**CARPET AND TOOL SUCTION  
ADJUSTMENT DIAL AND INTERLOCK**

**OPENING FOR CLEANING ATTACHMENTS**

**NOZZLE HOSE**

**FULL BAG INDICATOR - SOME MODELS**

**HEADLIGHT - SOME MODELS ONLY**

**WRAP-AROUND FURNITURE GUARD**



**Warning: Electric shock could occur if used outdoors or on wet surfaces.  
Operate only at voltage specified on bottom of cleaner.**

# How to use

This deluxe cleaner provides you with an automatic 'Power Drive' feature. It propels the cleaner forward and backward at a variable rate of speed controlled entirely by (you) the operator.



FIG. 1

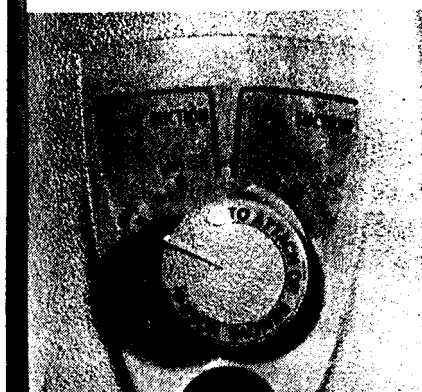
## To move forward

Push the handle grip forward. Notice that the cleaner moves in a forward direction with little effort. You control the speed at which the cleaner moves.

## To move backward

Gently pull the handle grip and guide the cleaner toward you. The cleaner moves both forward and backward with the same ease when using the automatic 'Power Drive' feature.

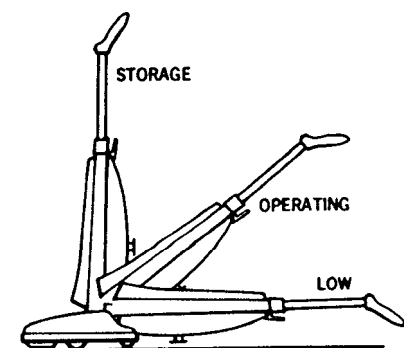
**NOTE:** For best results guide the cleaner gently at first until you have adjusted to the ease of operating the cleaner. The 'Power Drive' feature is in operation only when the motor is turned on. To move the cleaner without operating the motor use the transport button (disengage drive) according to the instructions on page 5.



## Set the suction

Set the dial on the back of the cleaner to the Carpet Suction area. It is suggested that you set the indicator at MAX setting for all carpeting. If the cleaner is difficult to push over carpeting with suction at MAX, move the indicator toward the MIN setting.

**Note:** Be certain dial indicator points to desired suction-not to the neutral area between carpet and tool suction.



## Three position handle

**Storage, operating and low** (for reaching under low furniture). The handle can be lowered by stepping on the pedal at the left rear of cleaner.

The handle should always be in **storage** position when cleaning tools are used.

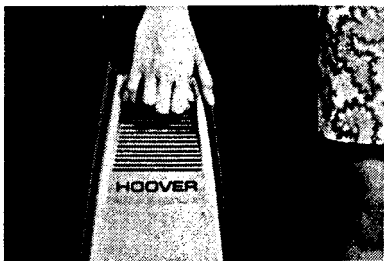


FIG. 1



FIG. 2



FIG. 3



## To transport

Your 'Power Drive' cleaner can be transported by two methods:

1. Use the convenient carrying handle for carrying your cleaner up and down stairs or when lifting the cleaner from one surface to another. Lift it as shown in Fig. 1.

2. To roll your cleaner from one room to another, use the convenient button located on top of the handle grip (Fig. 2). Press the button and slide the handle grip up or down the handle until the button drops flush with the handle grip. With the button depressed, the cleaner is in the transport or neutral position, with the drive mechanism disengaged.

While holding the button depressed, the cleaner may be pushed to the desired location as shown in Fig. 3. When the button is pressed in, the automatic 'Power Drive' gears are locked into neutral position and the cleaner can easily be transported.

## Special features

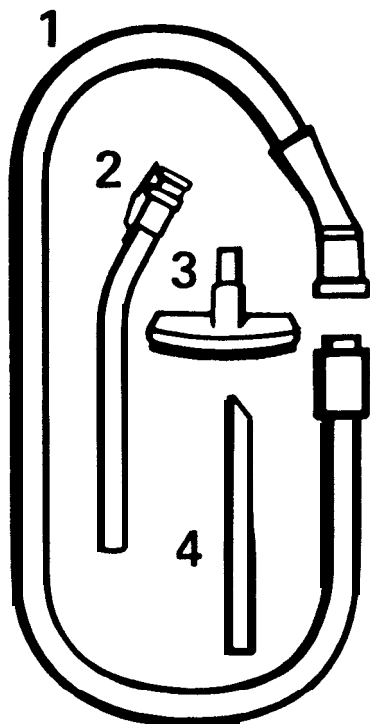
### Edge cleaning feature

Provides improved cleaning of carpet edges near baseboards and solid furniture. Passages have been added to the sides of the cleaner bottom plate to increase air flow carrying dust from the carpet edge to the nozzle.

From operating position, slowly guide the right side of the cleaner parallel to the edge of the carpet.

### Cleaning lightweight flexible rugs

Move the cleaner outward from the center of the rug. To prevent the rug from clinging to the nozzle opening, move the dial indicator toward MIN. As you approach the edge of the rug, push down on the handle lifting the nozzle completely off the rug. Move the cleaner back to start again, lower the nozzle and use only forward strokes.



# Cleaning tools

- 1. Vinyl hose** Hose has vinyl jacket for long, trouble-free life. The light flexible hose has a vinyl tab, so it can be hung on the cleaner. A suction regulator is located on the hose grip.
- 2. Extension wand** Use to give extra length when cleaning stairs or above the floor, hard to reach areas.
- 3. Upholstery brush** For upholstered furniture, draperies, tapestries, mattresses, clothing, automobile interiors and carpeted stairs.
- 4. Crevice tool** For upholstered furniture, edges of wall-to-wall carpeting that are inaccessible with cleaner, radiators, dresser drawers.

## HOW TO USE

Handle must be in the **Storage Position** when using tools.

### 1. Connect hose

Set the indicator on the dial at **MAX** position under **CARPET SUCTION**. Insert hose connector on hose in opening below dial, and turn the hose connector in a clockwise direction until it locks into place.

Set the suction regulator on the cleaner to **MAXIMUM TOOL SUCTION**.

### 2. Adjust suction

A second suction regulator\* is located on the hose grip and it adjusts the amount of suction when using the attachments.

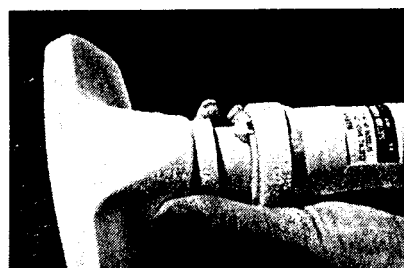
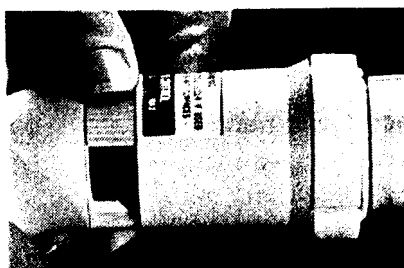
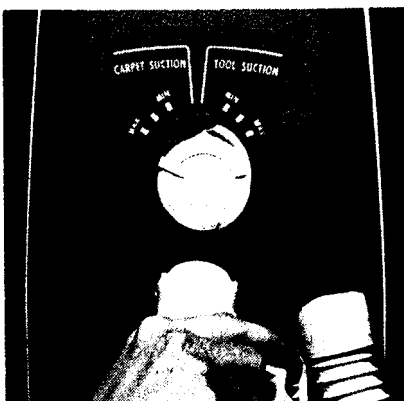
Set the suction regulator to **MINIMUM**, **MEDIUM**, or **MAXIMUM** suction by rotating the plastic ring until the raised plastic indicator on the dial is directly under the desired setting.

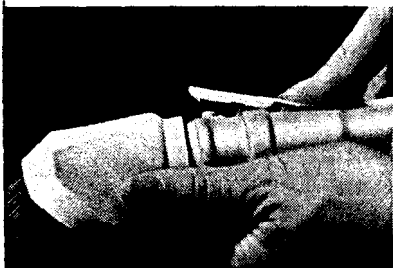
\*Some models only. If your cleaning tool set does not have a suction regulator on the hose grip, adjust the suction by setting the regulator on the cleaner.

### 3. Attach tools

**a. To hose grip** Attach a tool or the wand (for length) directly to the hose grip by rotating the plastic latch ring on the hose grip to accept the button projection on the end of the tool or wand. Turn the latch ring clockwise to lock in place.

To remove, reverse the above procedure.





**b. To wand Add** a tool to the end of the wand by fitting the button projection on the tool into the opening on the wand. You will hear the plastic spring latch snap and lock into place.

To release, press down on the spring latch and remove.

#### **4. Remove hose for floor use**

When you are finished using the attachments, remove the hose.

To remove hose from cleaner, return the dial indicator to MAX position under CARPET SUCTION, then turn hose connector counterclockwise and remove hose.

Your cleaner is equipped with an interlock mechanism to prevent leaving the dial indicator at the TOOL SUCTION area when cleaning carpet.

#### **To clean tools**

To clean the hose, wipe off dirt with a cloth, dampened with a liquid detergent. Use a damp cloth to remove the detergent. Cleaning tools can be washed in warm water with a detergent. Rinse and let dry before using.

## **Maintenance**

Proper care of your cleaner, will insure operation at peak performance.

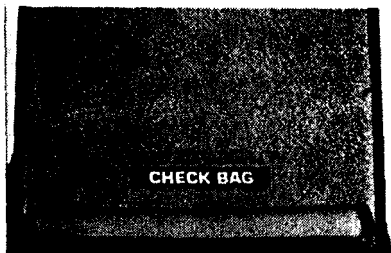
#### **Don't pick up hard sharp objects**

They may damage the hose and the throw away bag.

#### **Take care of cord**

Wind it loosely, on cover latch and knob on Suction Control Dial, to avoid strain. Snap clip-on plug onto cord. To remove cord, turn cover latch (See inset). Don't run cleaner over the cord — it may damage the insulation. Never pull on the attachment cord to disconnect the plug from the electrical outlet. Grasp the plug to prevent damage to the cord, plug prongs or receptacle.

**Disconnect cord from electrical outlet before attempting to service cleaner in any manner.**



#### **THE BAG**

**THE FULL BAG INDICATOR** The bag indicator, "CHECK BAG" located on the front of the cleaner, makes it convenient for you to know when the disposable bag should be changed.



There are two types of full bag indicators. One is a light which will glow red showing the words "CHECK BAG". The second is an indicator which appears showing the words "CHECK BAG". This indicator may become visible for a few seconds when the cleaner is first turned on and will then disappear. If the "CHECK BAG" light stays red, or the "CHECK BAG" indicator remains visible, the cleaner is not operating satisfactorily. You should: Replace the bag, check secondary filter, and check nozzle hose.

**NOTE:** The "CHECK BAG" indicator may be visible when cleaning tools are used. This does not necessarily mean that the cleaner is not operating satisfactorily. This can be checked by turning the dial to CARPET SUCTION position and checking the indicator. If it disappears, the bag does not need to be replaced.

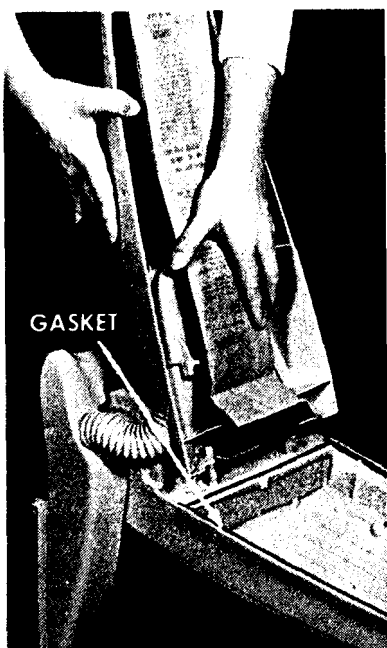
**THROW AWAY BAG** To assure that your cleaner operates at peak performance it is imperative that you use only genuine HOOVER throw away filter bags made by The Hoover Company. These bags are made from a special material which is scientifically formulated to filter out dust while allowing air to flow through freely. Genuine HOOVER bags can be identified by the following trademarks.

**Hoover®**



**CAUTION:** Very fine materials, such as face powder, cornstarch, fireplace ashes or fireplace soot, may seal the throw-away bag and may cause it to burst even though it is only partially full of dirt. When the cleaner is used to remove material of this nature, the bag should be changed frequently.

**WHERE TO BUY BAGS** Bags may be purchased from your local Authorized Hoover Dealer, or from Hoover Factory Service Stations listed on the white insert. **When ordering bags, be sure to give the model of your cleaner.**



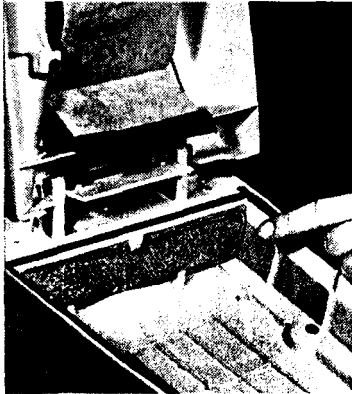
**TO REPLACE THROW-AWAY BAGS** With the handle in the storage position, tip cleaner over, resting handle on the floor. This position prevents dirt spilling into bag housing. Open bag cover of cleaner by turning latch in either direction. Lift bag cover. Hold throw-away bag by cardboard collar, twist outward, and remove. Discard used bag.

To attach new throw-away bag, hold bag with cardboard collar down and with arrows pointing toward front of cleaner. Push hole in cardboard firmly over tube, twisting until bag is secure.

Pull out pleats on each side to open the bag. Be sure that throw-away bag is not extending

outside of cover and the cover is in proper **position** on the gasket before latching.

With the cleaner upright and the handle in the storage position, turn on the motor briefly before lowering handle into cleaning position. This insures that the throw-away bag is inflated.



**THE SECONDARY FILTER** The secondary filter protects the motor from dirt. Before installing a new bag, check the filter. Dirt spilled in the bag housing will accumulate on the filter and may restrict motor performance. To clean filter, remove wire holder and lift out filter. After new bag is installed, close bag housing and set suction dial for cleaning tools. Plug cleaner into electrical outlet, turn on, and tap filter against opening below the suction dial. Disconnect cleaner from electrical outlet, replace filter in bag housing, and secure with wire holder.



**FIG. 1**

**THE NOZZLE HOSE** The nozzle hose on the cleaner carries the dirt from the nozzle to the throw-away bag. If the hose becomes obstructed (which may happen if the bag is overfilled), remove it and clear it. Remove the hose end from the bottom of the bag housing.

Fig. 1. Turn cleaner over, remove bottom plate (see Page 10) and lift hose connector from cleaner. Fig. 2. Clean hose and reinsert it in the cleaner.

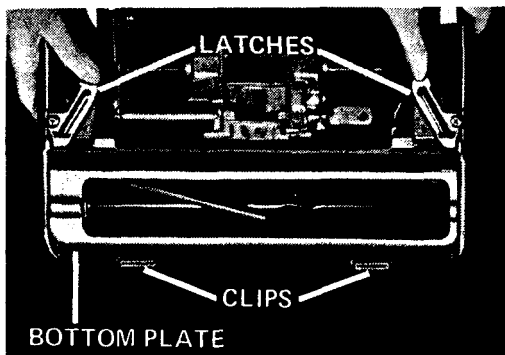


**FIG. 2**

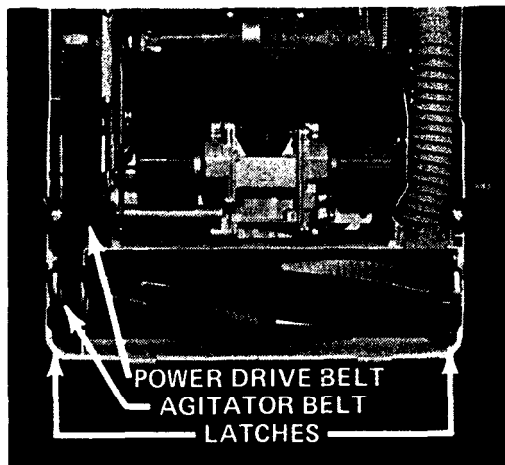
# Belts

There are two belts on your cleaner. The belts drive the agitator and the power drive pulley and are important for the efficient operation of your cleaner. Because of this, when buying new belts, you should always insist on genuine HOOVER belts. Some other belts on the market, not manufactured under the Hoover design and quality controls, may not operate the agitator or 'Power Drive' correctly and may damage your cleaner,

**When to replace belts** Check from time to time to be sure the belts are in good condition. If they are stretched or cut, they should be replaced.



1



2



## TO REPLACE BELTS

Remove cord from electrical outlet.

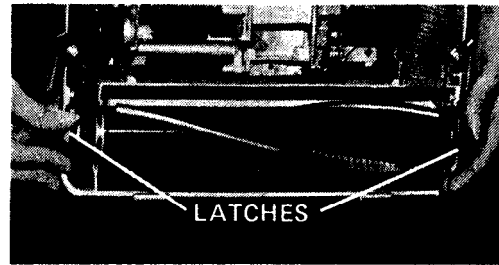
Turn cleaner over — remove metal plate on bottom of cleaner by pushing latches toward the outside of cleaner. (Fig. 1). Lift plate to release it from clips.

There are two belts as shown in Fig. 2. The larger belt is connected to the agitator. To remove the large belt, push latches that hold agitator in and toward center of cleaner until they are free. (Fig. 2). Lift out agitator and remove old belt. (Fig. 3).

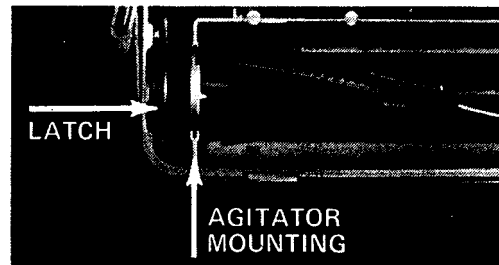
The smaller belt is attached to the power drive pulley. (Fig. 2). To replace the smaller belt, it is necessary to first remove the larger belt. Note: It may not be necessary to change both belts at one time.

Place new smaller belt over power drive pulley and motor pulley with smooth side of belt next to pulleys. (Fig. 2). Next, place new larger belt over motor pulley, then over agitator. (Fig. 3).

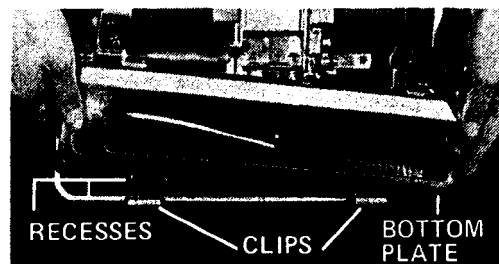
Replace agitator and latch it in position. (Fig. 4).



Make sure that large belt is in center of pulley, and free of agitator mountings and latch. Turn agitator by hand to be sure that belt is in proper position. (Fig. 5).



Replace bottom plate. (Fig. 6). Make sure that clips enter into the recesses on the cleaner bottom plate. Check to see that latches are pushed back and will not be covered by plate. (Fig. 6). Place plate in position and latch securely. Turn agitator by hand to be sure that belt is in proper position on pulley.



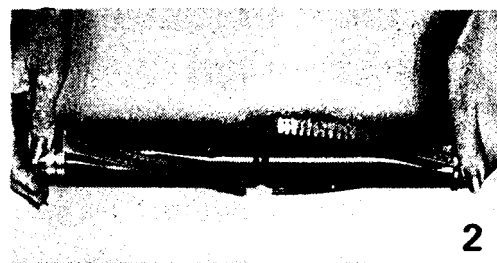
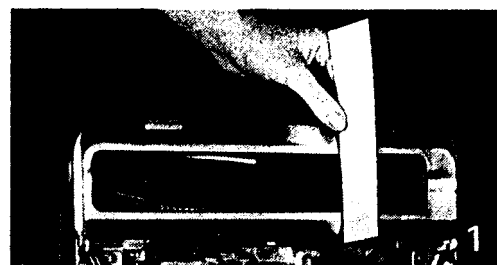
## Brushes

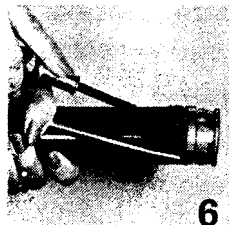
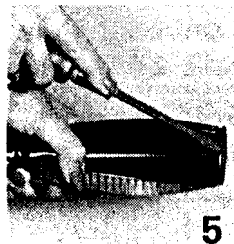
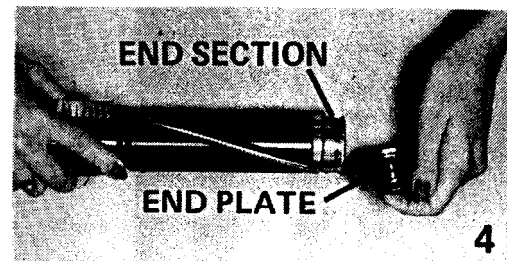
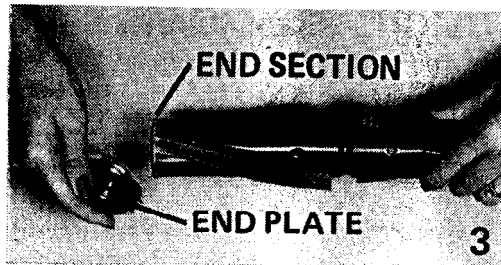
When brushes are worn and bristles do not touch the edge of a card held across the nozzle, they should be replaced. (Fig. 1). Always replace both brushes at the same time to maintain cleaning effectiveness.

### TO REPLACE BRUSHES

Remove bottom plate, belt and agitator following directions on Page 11.

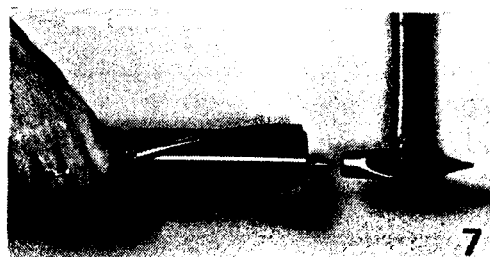
Turn end plates (Fig. 2) of agitator in opposite direction.



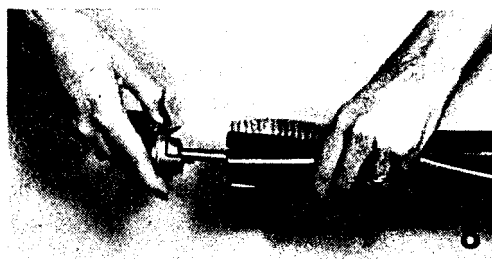


By turning the end plates in opposite directions, one plate will come off. (Fig. 3 and Fig. 4).

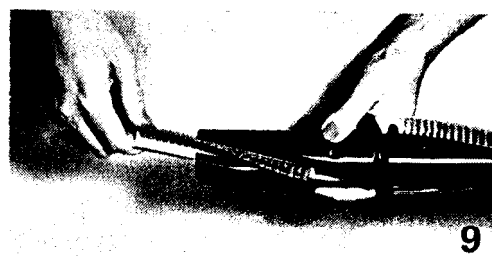
Then pry out either end section as shown in Fig. 5 and 6. This will expose the shaft.



Tap the shaft gently with a hammer to release other plate and end section. (Fig. 7).



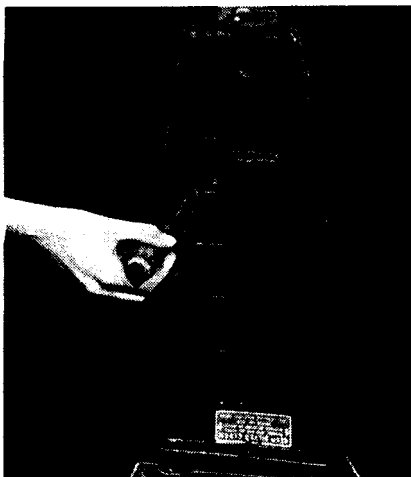
Pull other plate and shaft from agitator. (Fig. 8).



Remove brushes by pulling them from agitator. Slide new brushes into channels, small ends first. Push them in as far as possible. (Fig. 9).



Replace shaft, end section and plate, lining up locator on end section with slot in agitator. Replace other end section and plate. Tighten. (Fig. 10).



1

## THE HEADLIGHT (Some models only)

The headlight, located at the bottom of the front bag cover, operates when the cleaner is turned on. The headlight bulb illuminates both the headlight and the full bag indicator.

### TO REPLACE BULB

1. Remove cord from electrical outlet.

2. Open rear bag cover.



2

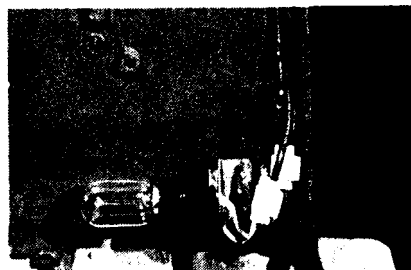
3. Remove the eight screws from the inside of the front bag cover. (See Fig. 1)

4. Place hand in carrying handle and pull out and up to remove front cover. (See Fig. 2)



3

5. Push bulb into socket and twist to remove. Replace with 15 watt bulb. Push new bulb into socket and twist. (See Fig. 3)



4

6. Be sure wire is in correct position before replacing cover. (See Fig. 4)



5

7. To replace front cover, position the two clips on the bottom into the openings, as shown in Fig. 5, and place cover in position.

8. Replace the eight screws and tighten.

## USER CHECK LIST

This appliance was inspected thoroughly and was in good operating condition when it was shipped from the factory. If a minor problem develops, it usually can be remedied quite easily when the cause is identified. Accordingly, this check list is provided for your convenience.

Problem Possible cause		Possible solution
Clean won't run	1. Not firmly plugged in.	1. Plug unit in firmly.
	2. No voltage in wall plug.	2. Check fuse or breaker.
	3. Blown fuse/tripped breaker.	3. Replace fuse/reset breaker.
Cleaner won't pick up	1. Broken or worn agitator belt.	1. Replace belt.
	2. Agitator brushes worn.	2. Replace brushes.
	3. Bag full.	3. Change throw away bag.
	4. Hose(s)/valve clogged.	4. Clear hose and/or valve.
	5. Secondary filter clogged.	5. Clean filter.
	6. Bag not opening.	6. Open bag by pulling pleats.
	7. Suction dial improperly set.	7. Check to be sure dial is set properly.
Cleaner won't drive	1. 'Power 'Drive' belt broken or worn.	1. Replace belt.
	2. Manual transport button pushed down.	2. Make sure handle grip slides freely.

If the problem persists, check the telephone book for a HOOVER COMPANY listing, or consult the white insert accompanying this manual for the nearest location where approved service and genuine HOOVER replacement parts may be obtained. For service under warranty, follow the instructions in the warranty provided with this product.

Always identify your cleaner by model number when requesting information or ordering replacement parts. (The model number appears on the belt guard on the bottom of the cleaner.)

If further assistance is needed, contact the **Hoover Company Customer Relations Department, North Canton, Ohio 44720, 216-499-9200.**

**Lubrication** The motor is equipped with one ball bearing and one sleeve bearing. These bearings contain sufficient lubrication for the life of the motor. The addition of lubricant could cause damage. **Therefore, do not add lubricant to either motor bearing.**

The agitator is equipped with two ball bearings that should be lubricated periodically. This should be done by the Hoover Factory Branch Service Center, or the Authorized Hoover Warranty Service Dealer, as listed on the white insert,

## **Consumer Information**

*This information has been compiled by the Vacuum Cleaner Manufacturers Association from Governmental and Private Sources concerned with product safety. These basic guidelines are for your protection and convenience.*

### **TO AVOID ELECTRIC SHOCK**

- Never vacuum liquids (unless using special equipment).
- Never vacuum carpeting that is damp or wet (unless using special equipment).
- Do not store machine outdoors.
- Replace worn or frayed power cord immediately.

### **TO AVOID ACCIDENTS**

- Never vacuum live ashes or cigarette butts.
- Never run machine over power cord or place sharp objects on it.
- Never let children use machine as a toy.
- Use extra caution when cleaning on stairs.
- Keep machine on floor — not on chairs, tables, etc.
- When machine is turned on, never allow fingers, hair or garments to come near intake suction ports or revolving brushes.
- Never leave machine running or cord plugged in when unattended.
- Turn machine off at switch before unplugging from wall outlet.
- When unplugging machine, grasp plug — not cord.
- Always unplug power cord from wall outlet before servicing machine or attaching accessories.
- Store machine promptly after each use to prevent accidents from tripping over power cord or machine.
- Use machine and accessories only in manner intended by manufacturer.

### **FOR BEST PERFORMANCE**

**Keep your machine and all accessories clean and in good operating condition.**

- Change or clean bags and/or filters as recommended by manufacturer to maintain optimum cleaning efficiency.
- Periodically check revolving brush for build-up of lint, hair or other foreign material and remove as necessary.
- Adjust or replace cleaning brushes when worn.
- Buy replacement parts from manufacturer's authorized service center.
- Have machine checked periodically by manufacturer's authorized service center.
- Store machine carefully — in dry area — never outdoors.

**For optimum cleaning performance and safety, study and follow your Owner's Manual — keep it in a handy and safe place for future reference.**

**THE HOOVER COMPANY, NORTH CANTON, OHIO 44720**